

Total No. of Questions : 8]

SEAT No. :

P-7550

[Total No. Of Pages : 2

[6180]-58

**T.E. (Computer/A.I & D.S)**

**CLOUD COMPUTING**

**(2019 Pattern) (Semester - II) (310254 C) (Elective - II)**

*Time : 2½ Hours]*

*[Max. Marks : 70*

*Instructions to the candidates :*

- 1) *Answer Q. 1 or Q. 2, Q. 3 or Q. 4, Q. 5 or Q. 6, Q. 7 or Q. 8.*
- 2) *Neat diagrams must be drawn wherever necessary.*
- 3) *Figures to the right indicate full marks.*
- 4) *Assume suitable data, if necessary.*

**Q1) a)** Explain virtual clustering in cloud computing? **[9]**

b) Describe the importance of hypervisor in cloud computing? Differentiate Type I and Type 2 hypervisor? **[8]**

**OR**

**Q2) a)** Compare grid computing and cloud computing? **[9]**

b) Define virtualizations? Describe the advantages and disadvantages of Virtualization? **[8]**

**Q3) a)** Draw & explain the working of Amazon simple storage service(S3)? **[9]**

b) Describe the different steps for configuring Amazon EC2 VM instance? **[8]**

**OR**

**Q4) a)** Enlist an applications of cloud computing in different Area? Describe any two applications? **[8]**

b) Identify the different components of AWS? **[9]**

*P.T.O.*

- Q5)** a) Explain the different Cloud Security Services in detail? [9]  
b) State the use of Content Level Security (CLS)? [9]

**OR**

- Q6)** a) What are the different types of testing in cloud computing? Explain briefly? [9]  
b) Analyze the different types of security risk involved in cloud computing? [9]
- Q7)** a) Draw & Explain client - server architecture of docker? [9]  
b) Explain Multimedia Cloud in detail? [9]

**OR**

- Q8)** a) Differentiate between Distributed Cloud Computing Vs Edge Computing? [9]  
b) Describe the concept of DevOps in detail? [9]

